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File No. 14149-11US MG/lyl

Québec, Canada November 17, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Medicago Inc.

Inventor:

Dominique Michaud et al.

Serial No .:

10/519,843

Filing date:

July 4, 2005

Art Unit:

1638

Title:

METHOD FOR ENHANCING YIELD OF RECOMBINANT

PROTEIN PRODUCTION FROM PLANTS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the duty of disclosure under 37 CFR 1.56, copies of the references listed on the attached PTO Form SB/08A/B are submitted herewith.

The Commissioner is hereby authorized to charge the fee of \$180.00, required for late submission of this Information Disclosure Statement in accordance with 37 CFR 1.97(c), to Deposit Account Number 19-5113. The Commissioner is further authorized to charge any fees which may be required, or credit any overpayment to the Deposit Account # 19-5113.

In accordance with 37 CFR 1.97(h), the submission of the present information is not to be construed as an admission that such information is, or is considered to be material to patentability.

The Examiner is kindly requested to consider these references during the examination of the above-identified application, making the references of record, and to return an initialed copy of the Form SB/08A/B to the undersigned agent.

Respectfully submitted,

MEDICAGO INC.

By:

Sébastien Clark Patent Agent

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Encls:

Copies of references

Form PTO/SB/08A/B

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Complete if Known 10/519.843 Application Number January 13, 2005 Filing Date First Named Inventor **Dominique MICHAUD** Art Unit 1638 **Examiner Name** Attorney Docket Number 14149-11US MG/lyl

			U.S. PATEN	T DOCUMENTS	
Examiner Cite No.1		Document Number Number – Kind Code ² (if known)	Publication Date Name of Patentee or MM-DD-YYYY Applicant of Cited Document		Pages, Columns, Lines Where Relevant Passages or Relevan Figures Appear
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines				
Initials*	No.1	Country Code3 - Number4 - Kind Code5 (# known)	MM-DD-YYYY	Applicant Of Cited Document	Where Relevant Passages or Relevant Figures Appear	Τ°			
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		WO 0210415	02-07-2002	Yi LI et al.					

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Nu
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First Named In
Art Unit

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Complete if Known

Application Number 10/519,843

Filing Date January 13, 2005

First Named Inventor Dominique MICHAUD

Art Unit 1638

Examiner Name

Attorney Docket Number 14149-11US MG/lyl

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS xamin Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published itials COPLEY KATHRIN S. ET AL, « Expression, processing and secretion of a proteolytically-sensitive insect diuretic hormone by Saccharomyces cerevisiae requires the use of a yeast strain lacking genes encoding the Yap3 and Mkc7 endoproteases found in the secretory pathway », Biochemical Journal, vol. 330, no.3, 15 March 1998, pp 1333-1340. WANDELT et al., 1992, « Vicilin with carboxy-terminal KDEL is retained in the endoplasmic reticulum and accumulates to high level in the leaves of transgenic plants », Plant J. 2: 181-192. MICHAUD & YELLE, 2000, « Production of Useful Protease Inhibitors in Plants », in: Recombinant protease inhibitors in plants. Ed. Michaud Austin TX, pp. 195-206. L. M. TABE et al., 1995, « A biotechnological approach for improving the nutritive value of alfalfa » J. Plant Sci. 73:2752-2759. H. DANIEL et al., 2001, « Medical molecular farming: production of antibodies, biopharmaceuticals and edible vaccines in plants » Trends Plant Sci. 6:219-26. C. REICHEL et al., 1996, « Enhanced green fluorescence by the expression of an Aequorea victoria green fluorescent protein mutant in mono- and dicotyledonous plant cells » PNAS 93,5888-93. DARVEAU et al., 1995, « PCR-Mediated Synthesis of Chimeric Molecules », 26,77-85,1995 KAPILA et al., 1997, « An Agrobacterium-mediated transient gene expression system for intact leaves », Plant Science 101-108 T. MURASHIGE & F. SKOOG, 1962, « A revised medium for rapid growth and bioassays with tobacco tissue cultures », Physiologia Plantarum 15: 473-497. F. BRUNELLE et al., 1999, « Protein hydrolysis by Colorado potato beetle (Leptinotarsa decemlineata Say: Chrysomelidae) digestive proteases: the catalytic role of cathepsin D. », Arch Insect Biochem. Physiol. 42:88-98. K. EDWARDS et al., 1991, « A simple and rapid method for the preparation of plant genomic DNA for PCR analysis » Nucleic Acids Res. 19:1349.

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